

Converting Colors

XYZ(43.3916, 47.7470, 22.6870)

Have a look what the booklet for
XYZ(43.3916, 47.7470, 22.6870)
contains.

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Color

**XYZ(43.3556, 47.7605,
22.5564)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B971
RGB	197, 185, 113
RGB Percent	77%, 73%, 44%
CMY	0.2275, 0.2745, 0.5569
CMYK	0.00, 0.06, 0.43, 0.23
HSL	51°, 42%, 61%
HSV	51°, 43%, 77%
XYZ	43.3556, 47.7605, 22.5564
YIQ	180.3800, 30.2640, -19.8480

Conversions

Conversions Part 2

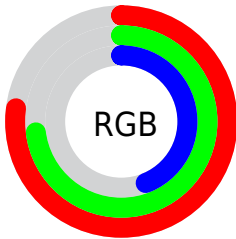
Format	Color
RYB	127, 197, 113
Decimal	12958065
CIELab	74.67, -5.94, 37.99
CIELCh	75, 38.455, 98.890
Yxy	47.7605, 0.3814, 0.4202
Android (android.graphics.Color)	4291148145 (0xFFC5B971)
YUV	180.3800, -33.2183, 14.5757
Hunter-Lab	69.1090, -8.9585, 29.0247

Details

The XYZ color **43.3556, 47.7605, 22.5564** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.2216, 22.2086, 55.8334**, and the grayscale version is **43.7494, 46.0278, 50.1243**.

A 20% lighter version of the original color is **79.5782, 86.9238, 48.6601**, and **20.3038, 22.6122, 7.9971** is the 20% darker color. If you saturate the color by 10%, you get **41.7825, 46.2006, 17.1417**, and if you desaturate by 10%, it is **45.1835, 49.4444, 29.2449**.

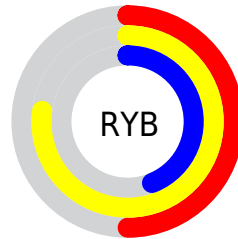
Distribution



Red (77%)

Green (73%)

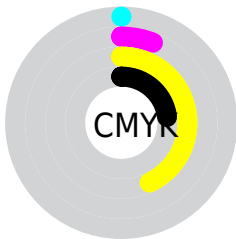
Blue (44%)



Red (50%)

Yellow (77%)

Blue (44%)

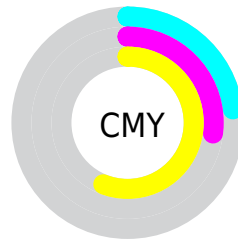


Cyan (0%)

Magenta (6%)

Yellow (43%)

Black (23%)



Cyan (23%)

Magenta (27%)

Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 43.3556, 47.7605, 22.5564 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 43.3556, 47.7605, 22.5564 by changing the saturation by 10% instead.

■ 43.3556, 47.7605,
22.5564

■ 43.3556, 47.7605,
22.5564

350.9689,
377.8420, 278.4860

■ 30.3600, 33.6373,
14.0641

■ 79.4996, 86.8477,
48.5778

■ 20.2614, 22.6151,
8.0260

■ 103.3786,
112.5805, 66.9440

■ 12.6946, 14.3095,
4.0236

■ 131.6161,
142.9518, 89.4386

■ 7.2941, 8.3363,
1.6383

■ 164.5776,
178.3463, 116.4801

■ 3.6947, 4.3109,
0.3179

202.6282,
219.1481, 148.4870

■ 1.5309, 1.8489,
0.0000

246.1334,

■ 0.3467, 0.5174,

265.7417, 185.8780

0.0000

295.4585,
318.5116, 229.0715

■ 0.0000, 0.0000,
0.0000

■ 43.3556, 47.7605,
22.5564

■ 43.3556, 47.7605,
22.5564

■ 41.7825, 46.2006,
17.1417

■ 45.1835, 49.4444,
29.2449

■ 40.4448, 44.7516,
12.9148

■ 47.2770, 51.2516,
37.2795

■ 39.3260, 43.4087,
9.7840


■ 49.6506, 53.1896,
46.7309

■ 38.4059, 42.1635,
7.6429


■ 52.3166, 55.2636,
57.6639

■ 37.6601, 41.0063,
6.3637


■ 55.2867, 57.4782,
70.1391

 37.1895, 40.1973,
5.7988

 58.5717, 59.8380,
84.2139

 62.1821, 62.3472,
99.9428

 63.5127, 63.9638,
103.6065

 64.2026, 65.3435,
103.8365

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



50.3941, 47.7605, 23.7898



43.3556, 47.7605, 22.5564



37.4913, 47.7605, 27.4872

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



43.3556, 47.7605, 22.5564



35.7436, 47.7605, 80.0083



59.0777, 47.7605, 67.0853

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



43.3556, 47.7605, 22.5564



24.2216, 22.2086, 55.8334

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.3378, 47.7605, 87.9568



43.3556, 47.7605, 22.5564



40.7378, 47.7605, 96.6466

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



43.3556, 47.7605, 22.5564



33.4015, 47.7605, 58.1615



47.4972, 47.7605, 99.8782



59.9622, 47.7605, 46.2954

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



43.3556, 47.7605, 22.5564



34.8619, 47.7605, 34.5882



47.4972, 47.7605, 99.8782



57.8609, 47.7605, 74.4581

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



43.3568, 47.7627, 22.5574



88.6731, 95.0626, 82.6772



32.6716, 25.1772, 22.7419



18.7676, 20.1770, 16.8429



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



43.3568, 47.7627, 22.5574



75.0575, 82.9775, 31.4456



39.0106, 49.4059, 23.1036



11.3898, 12.1488, 11.3074



24.5080, 26.5331, 3.8297



1.1968, 1.3290, 0.1934

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



24.2216, 22.2086, 55.8334



36.4010, 31.3780, 98.7458



27.2077, 21.6283, 55.5641



10.1769, 10.5278, 13.4132



6.9413, 3.2765, 35.0109



0.3692, 0.2362, 1.6713

Previews

White Background



This preview shows how the XYZ color 43.3556, 47.7605, 22.5564 looks on a white background.

Color Contrast Check

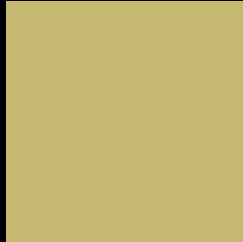
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 43.3556, 47.7605, 22.5564 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

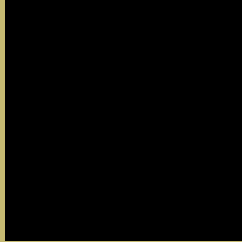
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 43.3556, 47.7605, 22.5564

Background



This preview shows how black text looks on a background with the XYZ color 43.3556, 47.7605, 22.5564.



This preview shows how white text looks on a background with the XYZ color 43.3556, 47.7605,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

43.3556, 47.7605, 22.5564

Protanopia

44.2085, 47.8907, 22.5366

Deuteranopia

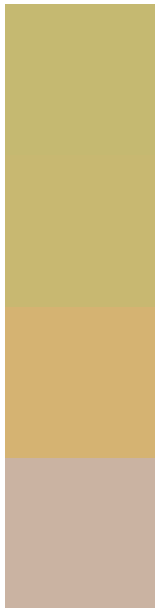
48.7440, 47.8181, 22.8804



Tritanopia

49.9964, 47.7475, 55.2963

Trichromacy



Original Color

43.3556, 47.7605, 22.5564

Protanomaly

43.9405, 47.7526, 22.5240

Deuteranomaly

46.5979, 47.6012, 22.6516

Tritanomaly

46.9988, 47.4054, 40.8555

Monochromacy



Original Color

43.3556, 47.7605, 22.5564

Achromatopsia

43.3819, 45.6411, 49.7032

Achromatomaly

42.9784, 46.2953, 38.1232

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.3556, 47.7605, 22.5564 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(197, 185, 113)` looks like.

```
.text, #text, p{  
    color:rgb(197, 185, 113)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(197, 185, 113) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 185, 113) }
```

Border

The CSS property to change the border of an element to XYZ 43.3556, 47.7605, 22.5564 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(197, 185, 113) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(197, 185, 113) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(197, 185, 113) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 185, 113); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 185, 113);  
box-shadow:4px 4px 4px 4px rgb(197, 185,  
113) }
```

Background

The CSS property to change the background color of an element to XYZ 43.3556, 47.7605, 22.5564 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 185, 113) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(197,  
185, 113) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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